

Title (en)
AIR-MOVING DEVICE EMPLOYING COANDA EFFECT FOR POLLINATING A RECIPIENT PLANT USING POLLEN COLLECTED FROM A DONOR PLANT

Title (de)
LUFTBEWEGUNGSVORRICHTUNG MIT COANDA-EFFEKT ZUR BESTÄUBUNG EINER EMPFÄNGERPFLANZE MIT VON EINER SPENDERPFLANZE GESAMMELTEN POLLEN

Title (fr)
DISPOSITIF AERAUQUE A EFFET COANDA POUR LA POLLINISATION D'UNE PLANTE RECEVEUSE A PARTIR DU POLLEN CAPTE D'UNE PLANTE DONNEUSE

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Application
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Abstract (en)
[origin: WO2019175507A1] The invention relates to an air-moving device (10) for pollinating at least one recipient plant using pollen collected on at least one donor plant, comprising: - means for collecting (12) the pollen from the at least one donor plant, - means for distributing (14) the pollen on at least one recipient plant, - a channel for conveying the pollen collected from the collecting means (12) to the distributing means (14), - an air flow amplifier (18) which employs Coanda effect for inducing a flow of air inside the conveying channel from the means for collecting (12) the pollen to the means for distributing (14) the pollen. The invention also relates to a pneumatic device for diverting the pollen flow which employs Coanda effect and is provided at the means for distributing (14) the pollen.

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